We Claim:

1	1.	A method for generating images for display through a lenticular medium,

2	comprising steps of:

3	inputting a plurality of digital image files into a storage medium, each

4	having a respective pixel dimension in a first direction and a respective pixel

5	dimension in a second direction;

6	inputting a printer resolution data into a storage medium;

7	inputting a lenticular resolution data into a storage medium;

8	inputting a print image size data into a storage medium;

9	inputting into a storage medium a frame number representing a number of

10	viewing angles;

11	inputting into a storage medium a depth value data corresponding to at

12	least one of said plurality of pixel images;

13	calculating an output image dimension data representing a pixel

14	dimension in said first direction and a pixel dimension in said second direction,

15	said calculating based on said printer resolution data, said print image size data,

16	and said viewing angle number data;

17	inputting a print object dimension data corresponding to at least one of

18	said input pixel images, said print object dimension data corresponding to a

19	printed dimension of a printed image corresponding to said input pixel image;

20	generating a plurality of scaled input pixel image files, each based on said

21	output image dimension data, a corresponding one of said print object dimension

22	data;

23 generating a left composite frame file having said plurality of scaled pixel
24 image files combined according to a first alignment;

25 generating a right composite frame file having said plurality of scaled
26 image files combined in a second alignment, said second alignment and said first
27 alignment having a relation in accordance with at least said depth value data;
28 and

29 generating an interphased pixel file based on said left composite image
30 file and said right composite image file.

1 2. A method as in claim 1, further comprising the steps of:

2 calculating a lines-per-lenticule data based on said print printer resolution
3 data and said frame number;

4 generating print output file based on said interphased pixel file and on said
5 lines-per-lenticule data;

6 outputting the print output file to a printer associated with the printer
7 resolution data; and

8 printing an image, using said printer, on a lenticular medium.

1 3. A method as in claim 1, wherein said step of inputting a plurality of digital
2 image files into a storage medium includes inputting a primary digital image file
3 and extracting one or of said plurality of digital image files from said primary
4 digital image file.

1　4.　A method as in claim 1, wherein said step of inputting a printer resolution
2　data into a storage medium comprises steps of:

3　　　　accessing a data representing a plurality of printer resources and a
4　corresponding plurality of available printer resolution data associated;

5　　　　receiving a user generated printer selection command selecting one of
6　said plurality of printer resources;

7　　　　generating the printer resolution data for inputting into the storage medium
8　based on the user generated selection command.

1　5.　A method as in claim 2, wherein said step of inputting a printer resolution
2　data into a storage medium comprises steps of:

3　　　　accessing a data representing a plurality of printer resources and a
4　corresponding plurality of available printer resolution data associated;

5　　　　receiving a user generated printer selection command selecting one of
6　said plurality of printer resources;

7　　　　generating the printer resolution data for inputting into the storage medium
8　based on the user generated selection command.